Application/Control No. Applicant(s)/Patent under Index of Claims Reexamination 10/600,360 LI ET AL. Examiner Art Unit 1616 S. Mark Clardy (Through numeral) Cancelled Rejected Non-Elected **Appeal** Ν Α Restricted 0 Allowed Interference Objected Claim Date Claim Date Claim Date

| Ci | aim_ | L_ | | | | <u>Da</u> | te_ | _ | | | | | Cla | um. | <u>بـــــ</u> | | | Da | te | | | | | Cl | aim | | | | L | Date | <u>, </u> | | | _ |
|-----------------|----------|----------|--|----------|----------|-----------|--------------|---------|--------------|----------|-------------|----------|-------------|----------|-----------------|-------------|---------|---------|-----------|-----------------|----------|----------|-----|--------------|----------|----------|-----------|----------|----------|-----------|---|---------------|----------|----------|
| Final | Original | 3/18/05 | | | | | | | | | | | Final | Original | | | | | | | | | | Final | Original | | | | | | | | | |
| | 1 | J | | | 1 | 1 | 1 | 7 | ┪ | | 一. | | | 51 | | | ┪ | ┪ | 1 | | П | 7 | | | 101 | 寸 | | | | \Box | コ | | 7 | ┪ |
| \Box | 2 | 1 | Г | T- | \top | T | ╅ | 1 | 1 | 寸 | = 1: | | | 52 | П | 十 | 十 | \top | T | \vdash | H | 7 | | | 102 | 寸 | 7 | \neg | \neg | \neg | ヿ | 寸 | 十 | \dashv |
| | 3 | \top | T | \vdash | \top | T | + | \top | 1 | 寸 | 1 | | | 53 | H | \dashv | + | \top | \top | T | Н | 7 | | | 103 | \dashv | \dashv | ᅥ | | | 一 | _ | \dashv | \dashv |
| | 4 | \vdash | | Т | T | † | † | T | 十 | 寸 | 7 | | - | 54 | \vdash | 十 | _ | + | \dagger | T | Н | | | | 104 | - | + | _ | \dashv | \dashv | \dashv | 十 | \dashv | \dashv |
| | 5 | Ħ | | 1 | T | \dagger | 1 | ╅ | 十 | 寸 | \exists | | \vdash | 55 | \Box | \dashv | \top | + | + | | Н | | | | 105 | 7 | \dashv | ┪ | \dashv | \neg | 十 | 十 | \dashv | \dashv |
| | 6 | 1 | | t | t | † | ✝ | + | 十 | 十 | | :: ! | | 56 | \vdash | \dashv | + | +- | + | ╁ | \vdash | 7 | | | 106 | \dashv | + | ᅥ | - | \dashv | \dashv | 十 | \dashv | \dashv |
| | 7 | \vdash | ╁ | \vdash | 十 | ✝ | + | + | $^{+}$ | \dashv | \neg | | | 57 | \vdash | 十 | + | + | + | H | H | \dashv | | | 107 | - | - | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv |
| | 8 | + | \vdash | i – | ╁┈ | +- | ╁ | + | + | _ | \dashv | | | 58 | | \dashv | + | ╅ | + | H | \vdash | \dashv | | | 108 | ᆉ | 十 | ᅥ | - | \dashv | - | \dashv | \dashv | \dashv |
| | 9 | + | ╁ | ┢ | † | 十 | ╁ | 十 | + | + | \dashv | | - | 59 | \vdash | \dashv | + | + | + | \vdash | | \dashv | | | 109 | 十 | 十 | ┪ | - | \dashv | \dashv | 十 | + | \dashv |
| \vdash | 10 | + | t | H | + | + | ╁╴ | + | \pm | \dashv | \dashv | | | 60 | | \dashv | + | + | + | H | \vdash | \dashv | | | 110 | + | + | \dashv | \dashv | \dashv | \dashv | \dashv | + | \dashv |
| | 11 | + | H | H | ╁ | ╁ | + | + | + | \dashv | - | | | 61 | \vdash | + | ╁ | ╁ | + | | - | \dashv | | | 111 | 十 | \dashv | -1 | | \dashv | \dashv | \dashv | \dashv | \dashv |
| | 12 | + | ┢ | ┢ | ╁ | ╁ | ╁ | ╁ | + | ┰ | | | | 62 | \vdash | + | + | ┿ | +- | ┢ | \vdash | \dashv | | | 112 | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv | + | \dashv |
| | 13 | + | \vdash | ┢ | ╁ | ╁ | + | ╫ | + | + | ٠ | | | 63 | \vdash | + | + | ╁ | ╁ | - | \vdash | - | | | | \dashv | \dashv | ┥ | | \dashv | - | -+ | \dashv | - |
| - | 14 | + | - | ├ | ╁ | ╁╌ | ╁ | ╫ | ╅ | + | \dashv | | | 64 | \vdash | + | + | +- | ╁ | H | \dashv | | | _ | 113 | - | \dashv | \dashv | - | \dashv | \dashv | \dashv | + | \dashv |
| | 15 | ╂ | ├ | ├ | ╁ | + | + | + | ┿ | \dashv | ⊢. | | | | \vdash | + | + | + | ╄ | <u> </u> | \dashv | - | | | 114 | - | | | - | \dashv | \dashv | \dashv | + | - |
| _ | 16 | ╁ | ├ | ⊢ | ╁ | ╁ | ╁ | ╫ | + | + | : | | | 65 | \vdash | - | + | ╁ | + | \vdash | \vdash | -1 | ₩ | | 115 | | | - | \dashv | \dashv | \dashv | - | - | |
| \vdash | | + | ┢ | ⊢ | ╀ | ╁ | +- | +- | + | + | | | | 66 | \vdash | - | + | ╁ | +- | | \vdash | | | | 116 | - | \dashv | - | - | \dashv | - | \dashv | + | - |
| | 17 | + | - | ⊢ | ₽ | ┼ | ╀ | + | | -+ | —‼ | | | 67 | \dashv | + | + | +- | - | | | | | | 117 | 4 | - | - | | - | 4 | \dashv | + | _ |
| <u> </u> | 18 | - | <u> </u> | | ╀ | ╄ | ╀ | + | + | 4 | - | | | 68 | \dashv | - | + | ┿ | + | _ | | _ ։ | | | 118 | _ | 4 | | | - | - | | - | 4 |
| | 19 | + | ⊢ | ⊢ | ╀ | ╀ | ╀ | ╀ | 4 | + | | | | 69 | \vdash | 4 | + | + | ┼ | | \Box | | | | 119 | _ | 4 | _ | _ | 4 | 4 | 4 | 4 | _ |
| <u> </u> | 20 | 4 | - | <u> </u> | ⊢ | ₩ | 4 | ╀ | 4 | 4 | - | | | 70 | \square | 4 | 4 | 4 | ↓_ | | | 4 | | | 120 | _ | _ | _ | _ | 4 | 4 | 4 | _ | _ |
| | 21 | + | _ | _ | ↓_ | ┿ | ╀ | \bot | 4 | - | _ | | | 71 | | \perp | 4 | _ | ↓_ | | | 4 | | | 121 | _ | _ | _ | _ | 4 | 4 | 4 | 4 | _ |
| <u></u> | 22 | 4 | _ | _ | <u> </u> | <u> </u> | ╄ | 4. | 4 | 4 | _ | | | 72 | \perp | _ | _ | 4 | ↓_ | Ш | _ | _ | | | 122 | _ | _ | _ | _ | _ | _ | | | _ |
| <u> </u> | 23 | 4 | L | <u> </u> | ↓_ | 1 | ╀_ | _ | 4 | 4 | _ | | | 73 | \rightarrow | _ | \perp | ┸ | _ | | | _ | | | 123 | 4 | 4 | _ | _ | \dashv | _ | 4 | 4 | _ |
| <u></u> | 24 | 1, | <u> </u> | <u> </u> | ļ | ↓_ | ╀ | ┸ | \perp | 4 | _ | | | 74 | | _ | 1 | | 1_ | Ш | Ш | _ | | | 124 | | _ | _ | | | ightharpoonup | ightharpoonup | | _ |
| | 25 | <u>√</u> | | _ | L | ┖ | ╀ | ┸ | _ | Д. | _ ։ | | | 75 | | | ┸ | _ | | Ш | | | | \Box | 125 | \perp | \perp | | | \dashv | | \perp | \dashv | _ |
| | 26 | | L | _ | L | <u> </u> | 1_ | \perp | | | | | | 76 | | | \perp | ┸ | ـــــ | | | _ ; | | | 126 | | \perp | | | | l | | | |
| | 27 | | L | | L | L | ┖ | 丄 | | \perp | | | | 77 | \perp | | | \perp | | \bigsqcup | | _ | | | 127 | | | | | | | | | |
| | 28 | | L | | ┖ | \perp | ┸ | \perp | \perp | | | | | 78 | | | | | L | | | _ | | | 128 | | | | | | | | | |
| | 29 | | | | | | L | | | | | | | 79 | | | | | | | | | | | 129 | | | | | \Box | \Box | \Box | \Box | |
| | 30 | | | | | | | | \perp | | | | | 80 | | | | | | | | | [| | 130 | | | П | | \Box | | \Box | | |
| | 31 | | | | | | | | | | | | | 81 | | | Т | | | | | 7 | | | 131 | | П | | | \Box | Т | Т | | 7 |
| | 32 | | | | | | | | | | | | | 82 | | Т | Т | Т | | П | | | ı | Ī | 132 | П | \Box | ヿ | ヿ | \exists | T | T | П | 7 |
| | 33 | | | Ι | П | П | | Т | Т | | | | | 83 | | $\neg \neg$ | Т | T | Т | | | 7 | | | 133 | | T | | | \neg | \neg | \neg | Т | ٦ |
| | 34 | | | | | | Ι | Π | T | T | | | | 84 | \neg | T | | T | Г | П | | 7 | | | 134 | 1 | \exists | \neg | 7 | ┪ | \neg | 丁 | Т | ٦ |
| | 35 | _ | L | | L^- | | Γ | Ι | T | | | | | 85 | | | 1 | | | | | | ı | | 135 | \neg | \neg | \neg | 寸 | \neg | \dashv | 丁 | \top | ٦ |
| | 36 | | | | Γ | | | Τ | T | \top | | | | 86 | | | \top | \top | Τ | П | \sqcap | | ı | | 136 | \neg | 寸 | \dashv | \neg | \neg | 寸 | 1 | 十 | \neg |
| | 37 | | | | Г | 1 | | Τ | 1 | 1 | 1 | | | 87 | $\neg \uparrow$ | \top | Ť | 1 | 1 | П | ヿ | \neg | | | 137 | \dashv | 十 | 7 | \dashv | \dashv | 寸 | \top | 十 | \neg |
| | 38 | | | | | Π | Τ | T | \top | \neg | 7 | 1 | | 88 | \Box | 1 | \top | T | 1 | П | \neg | 7 | ऻ | | 138 | 丁 | \dashv | ヿ | 一 | 寸 | 寸 | \dashv | 十 | \neg |
| | 39 | _ | | | Π | Г | T | T | \top | \neg | ٦. | | | 89 | | T | 十 | T | 1 | П | 寸 | 1 | 1 | | 139 | \dashv | \dashv | 7 | 寸 | \dashv | \dashv | \dashv | \top | コ |
| | 40 | | | | Π | Τ | | T | 丁 | 1 | 7 | ା | | 90 | \dashv | \top | 十 | T | T | Н | \dashv | ٦: | ŀ | | 140 | _ | \top | 7 | | \dashv | \dashv | \top | \top | ┨ |
| | 41 | _ | | Г | 1 | T | T | T | 十 | 十 | \neg | i | $\neg \neg$ | 91 | \dashv | + | 十 | 1 | 1 | H | _ | 1 | ı | | 141 | \dashv | \dashv | \dashv | 一 | \dashv | 十 | \dashv | + | \dashv |
| | 42 | | | Т | T | T | † | T | † | \top | \dashv | | \neg | 92 | \dashv | 十 | + | + | | Н | \dashv | - | ŀ | - | 142 | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv | 十 | 十 | \dashv |
| | 43 | | | | 1 | 十 | T | t | 十 | ┰ | | | | 93 | \dashv | \top | + | + | \vdash | Н | \dashv | - - | ŀ | \dashv | 143 | \dashv | \dashv | 7 | \dashv | \dashv | 十 | \dashv | 十 | \dashv |
| | 44 | | \vdash | Η- | t^{-} | T | T | t | + | \dashv | 1 | | | 94 | \dashv | + | + | +- | H | Н | 十 | ۲, | ŀ | \dashv | 144 | \dashv | \dashv | + | \dashv | \dashv | + | \dashv | 十 | \dashv |
| | 45 | _ | _ | | \vdash | 1- | 1 | ╁ | ╅ | + | 1 | } | | 95 | 十 | \dashv | - - | + | \vdash | Н | \dashv | - | ŀ | \dashv | 145 | \dashv | 十 | \dashv | 一 | \dashv | \dashv | + | + | \dashv |
| \vdash | 46 | _ | \vdash | _ | | ✝ | \vdash | t | + | + | 1 | | + | 96 | \dashv | + | + | + | \vdash | Н | \dashv | + | ŀ | | 146 | \dashv | + | \dashv | \dashv | 十 | \dashv | + | + | \dashv |
| H | 47 | | \vdash | | \vdash | \vdash | \vdash | + | + | + | \dashv | | - + | 97 | \dashv | + | ╅ | + | \vdash | $\vdash \vdash$ | \dashv | ⊣. | ٠ | | 147 | \dashv | + | \dashv | \dashv | + | + | + | 十 | \dashv |
| \vdash | 48 | | ┢═ | ⊢ | H | t | +- | ╁ | + | + | \dashv | <u>"</u> | | 98 | \dashv | + | + | + | \vdash | H | \dashv | +: | - | | 148 | + | + | \dashv | \dashv | + | + | + | + | \dashv |
| $\vdash \vdash$ | 49 | _ | ├ | - | \vdash | - | + | ╁ | + | + | - | 1 | -+ | 99 | \dashv | + | + | + | \vdash | \vdash | \dashv | ┨, | 1 | | 149 | + | + | \dashv | \dashv | + | + | 十 | + | \dashv |
| \vdash | 50 | - | | \vdash | - | +- | + | ╁ | + | + | \dashv | J | | 100 | \dashv | + | ╁ | ╁ | - | \vdash | - | \dashv | ŀ | | 150 | + | ┰ | \dashv | - | \dashv | + | + | ┿ | \dashv |
| لـــا | JU | | Щ. | | Ц_ | | ١. | 1 | 上 | | ┙ | · | | IVU | Щ. | _L | | 1 | 1 | لـــا | | | · L | | 150 | | | _1 | | ᆚ | 丄 | ㅗ | 丄 | |